

# → Setting Up the Radon Detector

Following these steps will help deliver an accurate test.

**Reset the device:** When you first open the box the monitor will either be displaying numbers or dashes, the results of a previous test.

On the back of the detector are two buttons labeled **Reset** and **Mode**. Press the reset button with a pen or paperclip for 8 to 10 seconds and then release, at which point the screen will refresh and calibration will begin. You will not need the **mode** button.

Note: Pressing the reset button will erase any information previously gathered so be wary of accidentally or prematurely pressing it.

**Calibration:** Calibration will take approximately 60 seconds and will be indicated by a screen that reads 'CAL' with a timer counting upwards. When calibration is complete, the screen will show both 'Long Term Average' and 'Short Term Average' spaces, each showing a row of flashing dashes. This indicates a new test has begun. In 6 to 24 hours, numbers will replace the dashes.

Note: If the screen does not show both Long Term Average and Short Term Average spaces, reset the device again.

**Testing:** The EPA recommends that testing be done on the lowest level of a home that is suitable for occupancy; placing it in a living area, like a bedroom or living room, is preferred. Place the detector at least 2 feet off of the ground and at least 5 feet from the nearest doorway or window. Avoid placing the detector against exterior walls, on natural stone, or in direct sunlight, or in kitchens, bathrooms, laundry rooms, hallways, or above sump pumps, as high humidity or drafty conditions can impede accurate results.

Do not relocate the radon detector once the test has begun as that may affect the accuracy of results.

The radon detector should be in place a minimum of 48 hours for an initial reading, however the longer the detector is in place, the more accurate the results will be. The short term average display alternates between showing a 24-hour average and a 7-day average. Only the 7-day average reading should be used for evaluating radon levels.

**Results:** The results will be displayed in a unit called pCi/L. The lower the number is, the better. If the number is 4.0 pCi/L or higher, the State of Kansas recommends confirming an elevated radon result with a one-time use test, currently available through the Sedgwick County Extension office (316-660-0100).

If a reading above 4.0 pCi/L is confirmed it is recommended that you talk to a certified radon technician.

Scan this QR code to see a list of certified radon technicians:



<https://www.kdheks.gov/radiation/homeowner.htm>

# → Watch the Video

Pure State Services LLC created a tutorial video on their website to show you how to set up the radon detector. Hover your smartphone camera over the QR code to view the video.



<https://youtu.be/BgMX5-VuIRQ>

Radon detectors are provided by:

